

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021523\
 Data File : FF012095.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2023 10:02
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/16/2023
 Supervised By :Sohil Jodhani 02/16/2023

Integration File: autoint1.e
 Quant Time: Feb 16 04:32:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF012723.M
 Quant Title :
 QLast Update : Fri Jan 27 14:21:25 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.060	6009083	52.148 ug/ml
Target Compounds			
1) N-OCTANE	2.081	5502267	47.829 ug/ml
2) N-DECANE	4.608	6307720	53.500 ug/ml
3) N-DODECANE	6.772	6426993	53.652 ug/ml
4) N-TETRADECANE	8.600	6550067	54.391 ug/ml
5) N-HEXADECANE	10.207	6632288	53.171 ug/ml
6) N-OCTADECANE	11.650	6787626	53.382 ug/ml
7) N-EICOSANE	12.960	6911310	53.551 ug/ml
8) N-DOCOSANE	14.159	6879891	53.972 ug/ml
10) N-TETRACOSANE	15.263	6791957	52.195 ug/ml
11) N-HEXACOSANE	16.286	6606209	50.761 ug/ml
12) N-OCTACOSANE	17.236	6532087	50.233 ug/ml
13) N-TRIACONTANE	18.124	6513450	50.470 ug/ml
14) N-DOTRIACONTANE	18.956	6308605	48.474 ug/ml
15) N-TETRATRIACONTANE	19.741	5699937	51.197 ug/ml
16) N-HEXATRIACONTANE	20.480	5243569	51.046 ug/mlm
17) N-OCTATRIACONTANE	21.224	4932921	50.077 ug/mlm
18) N-TETRACONTANE	22.151	4763589	45.964 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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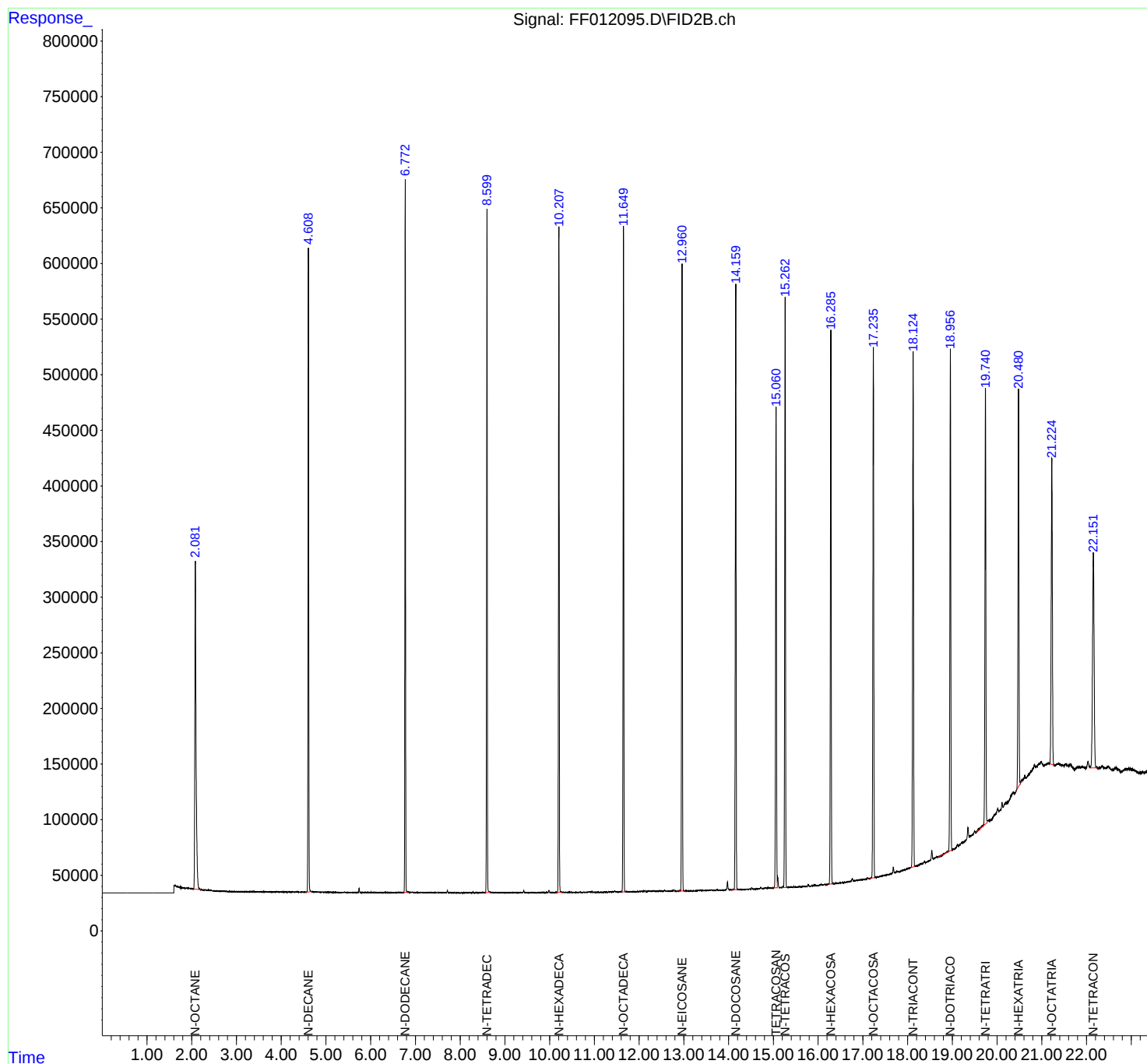
Instrument :
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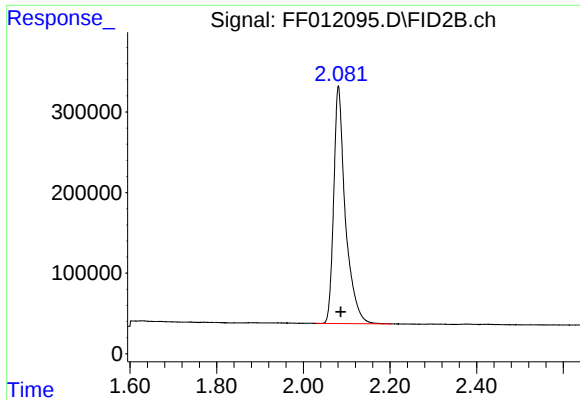
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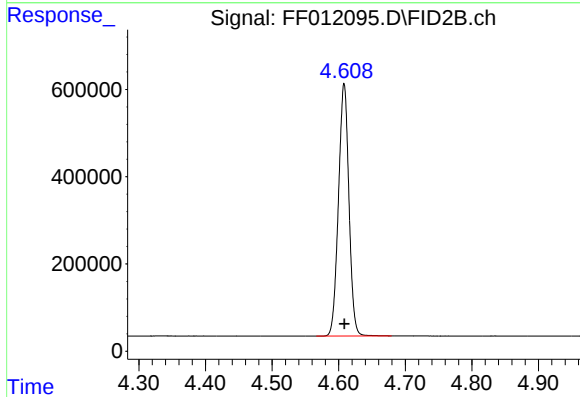
#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: -0.005 min
Response: 5502267
Conc: 47.83 ug/ml

Instrument :
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50 PPM TRPH STD

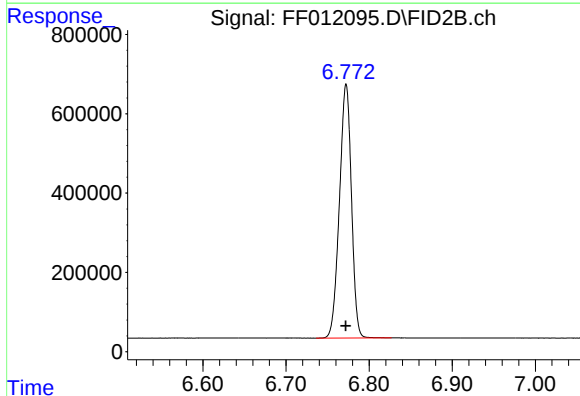
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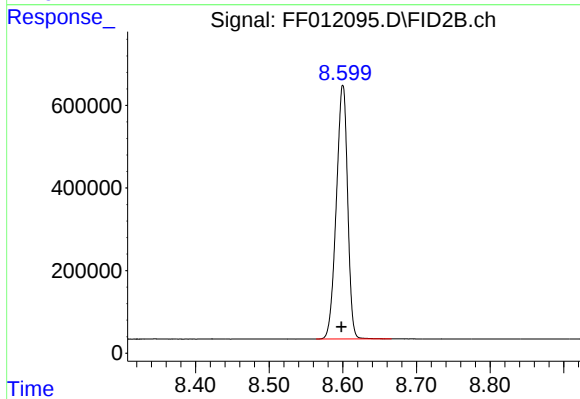
#2 N-DECANE

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 6307720
Conc: 53.50 ug/ml



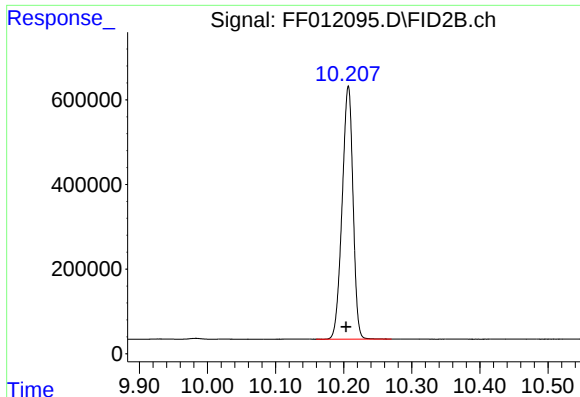
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 6426993
Conc: 53.65 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: 0.002 min
Response: 6550067
Conc: 54.39 ug/ml



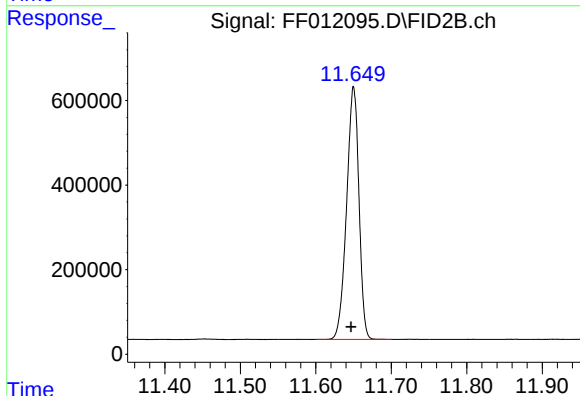
#5 N-HEXADECANE

R.T.: 10.207 min
Delta R.T.: 0.003 min
Response: 6632288
Conc: 53.17 ug/ml

Instrument :
FID_F
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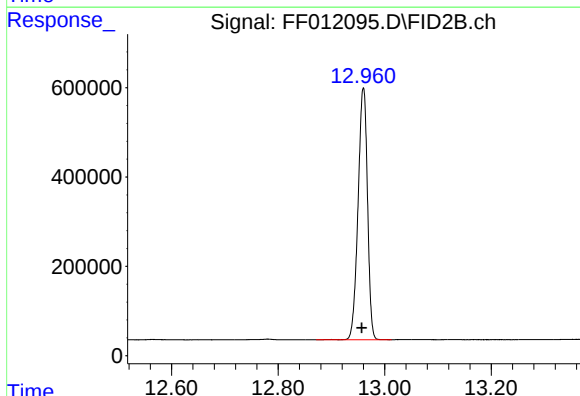
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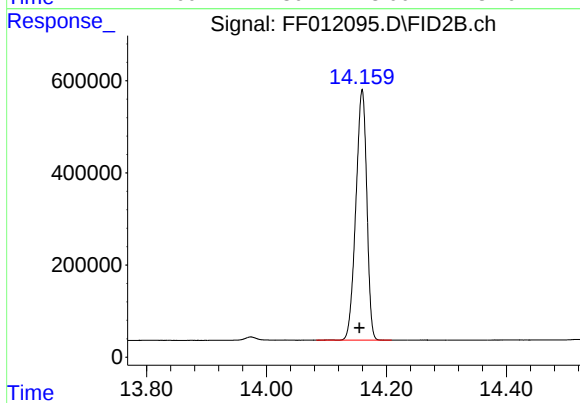
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: 0.003 min
Response: 6787626
Conc: 53.38 ug/ml



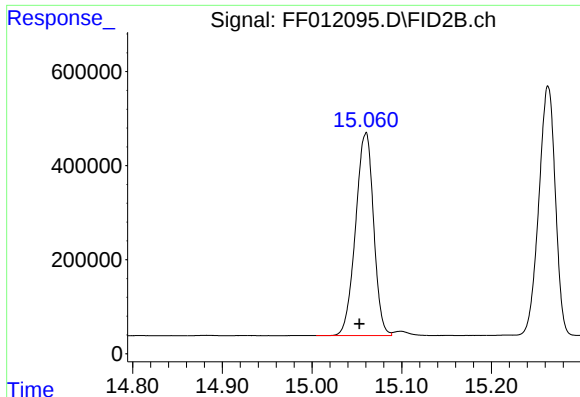
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: 0.003 min
Response: 6911310
Conc: 53.55 ug/ml



#8 N-DOCOSANE

R.T.: 14.159 min
Delta R.T.: 0.005 min
Response: 6879891
Conc: 53.97 ug/ml



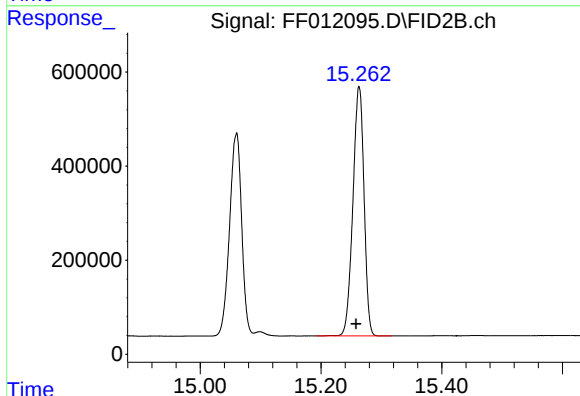
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.060 min
Delta R.T.: 0.007 min
Response: 6009083
Conc: 52.15 ug/ml

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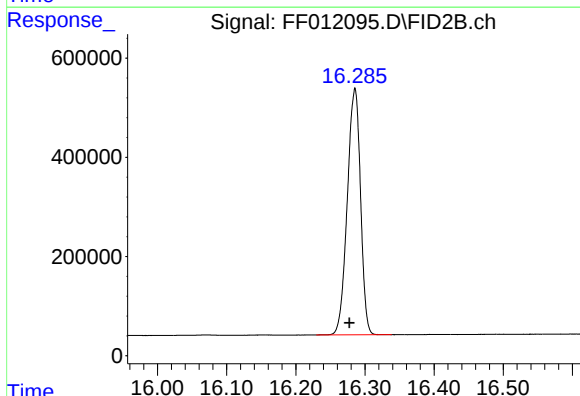
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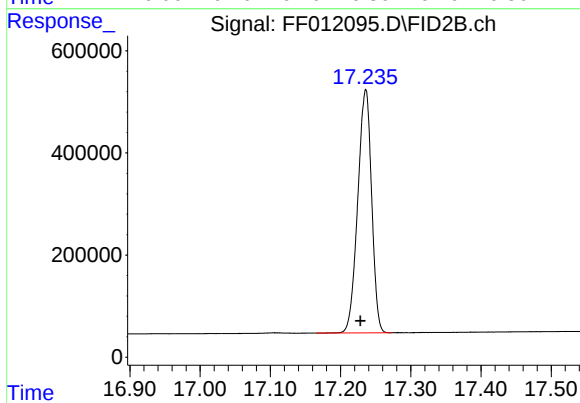
#10 N-TETRACOSANE

R.T.: 15.263 min
Delta R.T.: 0.005 min
Response: 6791957
Conc: 52.20 ug/ml



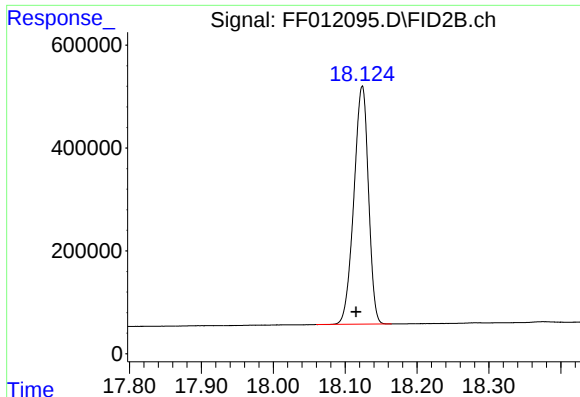
#11 N-HEXACOSANE

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 6606209
Conc: 50.76 ug/ml



#12 N-OCTACOSANE

R.T.: 17.236 min
Delta R.T.: 0.008 min
Response: 6532087
Conc: 50.23 ug/ml



#13 N-TRIACONTANE

R.T.: 18.124 min
Delta R.T.: 0.009 min
Response: 6513450
Conc: 50.47 ug/ml

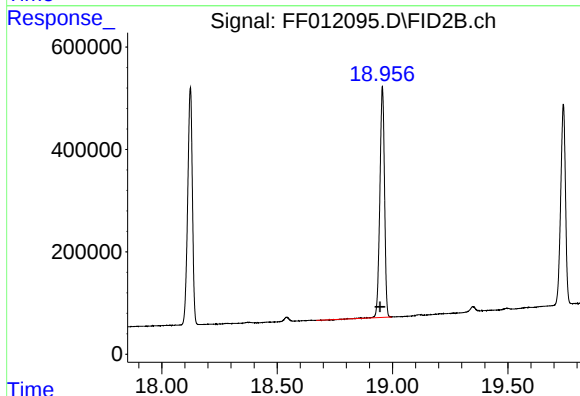
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

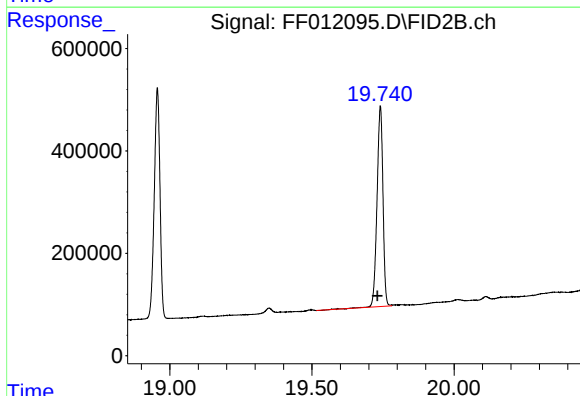
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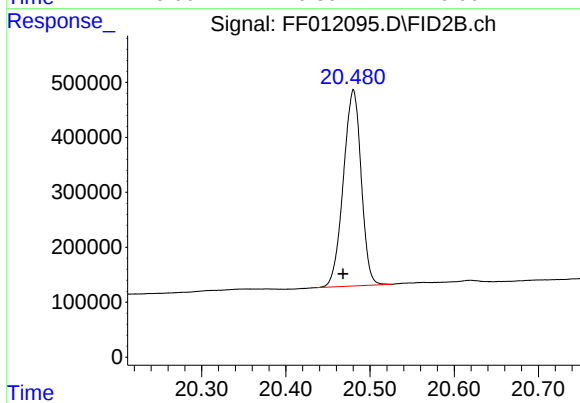
#14 N-DOTRIACONTANE

R.T.: 18.956 min
Delta R.T.: 0.010 min
Response: 6308605
Conc: 48.47 ug/ml



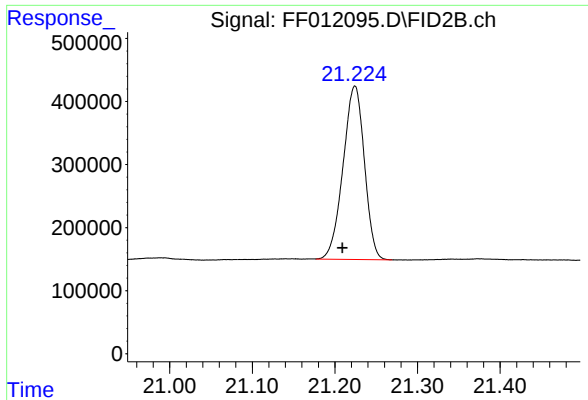
#15 N-TETRATRIACONTANE

R.T.: 19.741 min
Delta R.T.: 0.011 min
Response: 5699937
Conc: 51.20 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.480 min
Delta R.T.: 0.012 min
Response: 5243569
Conc: 51.05 ug/ml m



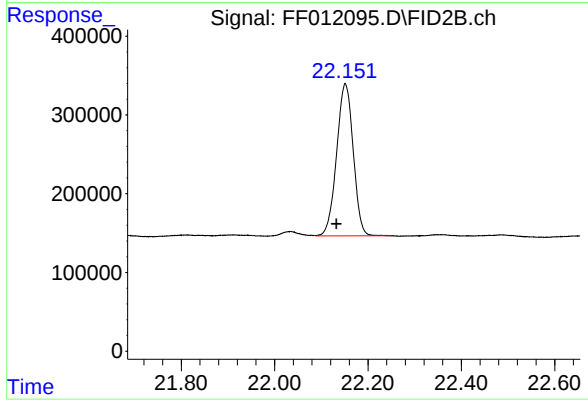
#17 N-OCTATRIACONTANE

R.T.: 21.224 min
Delta R.T.: 0.015 min
Response: 4932921
Conc: 50.08 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.151 min
Delta R.T.: 0.019 min
Response: 4763589
Conc: 45.96 ug/ml